

2430 "E" Street, N. W.
Washington, D. C.
24 November 1953

25X1A9a

[REDACTED]

Acceptance of Refrigeration
Compressor of air-conditioning
System

25X1A9a

Dear Mr. [REDACTED]:

Reference is made to your teletype message dated 18 November 1953 to this Office in connection with your letter dated 13 November 1953.

Teletype reply to the above message is confirmed as follows:

"Four (4) cylinder compressor (4JF-4-100) approved as per 23 September 1953 letter to you. No modification of contract requirements as included in specification paragraph 35.6 for vibration, 35.7 for sound isolation have been granted. Re: Recommendation "F" as included in your 13 November 1953 letter subject "Mechanical Equipment in Penthouse," - early submission of Contractor's proposal desired."

With reference to the requirements for vibration mountings as specified under Paragraph 35.6, Contractor's attention should be called to the fact that 95 per cent absorption of vibration is required. It is not believed that the Type LK/D Korfund units indicated for the compressor mounting will fulfill the requirements, particularly in view of the fact that a concrete pad of at least equal to the weight of the compressor is required under Paragraph 36.7(c). It is recommended that Contractor be required to submit a letter from the vibration-eliminator manufacturer stating the type and catalog number of the unit to be provided for absorption of 95 per cent of the vibration produced by the compressor unit.

Mr. [REDACTED]

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The manufacturer's recommendations should also include units for the evaporative condenser, and the fan for which it does not appear that eliminator units have been submitted.

Please note that any approval of mechanical equipment given by this Office has been subject to the noise requirements of the specifications in every case. Also note that the approval of the four (4) cylinder compressor was for the type of unit only, it still being subject to the noise requirements.

The Contractor's delay in submitting the noise ratings is definitely his own responsibility.

Very truly yours,

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